

Ultraleap Hand Tracking Accessory for Pico Neo 3 Pro



Ultraleap Hand Tracking Accessory

Adding Ultraleap hand tracking to the Pico Neo 3 Pro or Pico Neo 3 Pro Eye unlocks high-value use cases and brings in new users of all ages and levels of technical competency.

Using hand tracking to supplement gaming controllers expands the VR enterprise market, opening up new possibilities such as flight attendant and surgical training in VR. Hand tracking can also be used to reduce onboarding time and make VR more approachable for first-time or inexperienced users.

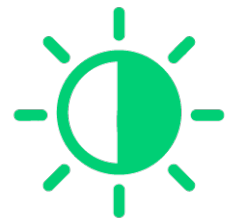
The ultimate hand tracking accessory from the world's leaders



5th-generation hand tracking system with unified neural network



Wide 170° field of view



Reliable tracking even in challenging environments



Superior pose accuracy



Tracks diverse hand sizes



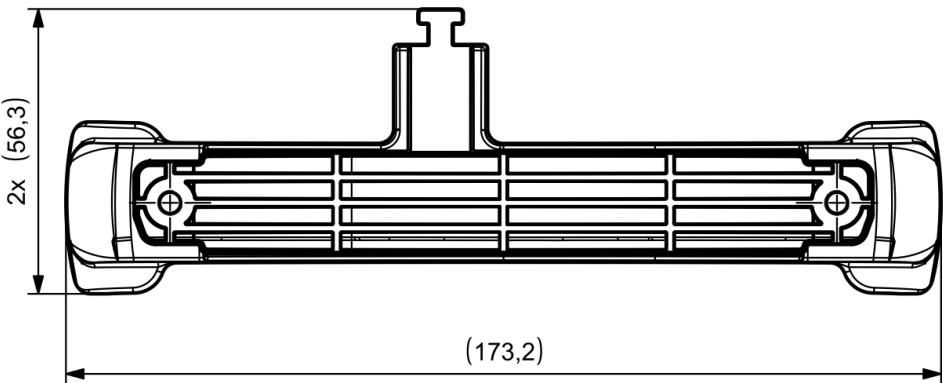
Interact with both hands together

Specifications

The Ultraleap Hand Tracking Accessory for the Pico Neo 3 Pro consists of the Ultraleap Stereo IR 170 hand tracking camera in a bespoke mount.

POWER SUPPLY	5V DC via USB connector (minimum 0.5A).
DATA CONNECTION	Micro USB Type-B (2.0)
INTERACTION ZONE	Depth of between 10 cm (4") to 75cm (29.5") preferred, up to 1 m (39") maximum; 170x170° typical field of view (160x160° minimum). Tracking works in a range of environmental conditions.
CAMERAS	Stereo IR operating at 90fps
OPERATING WAVELENGTH	850nm. Stereo IR 170 provides its own illumination via two IR LEDs spaced on either side of the cameras.
AMBIENT OPERATING TEMPERATURE	0° to 40°C (32° to 104° F)

Mount dimensions



All dimensions in mm

Get Started

1. MOUNTING

The Ultraleap Hand Tracking Accessory comes mounted to the front of your Pico Neo 3 Pro. Ultraleap's core Hand Tracking Software will also be pre-installed on your headset.

2. SUBSCRIBE TO ULTRALEAP

Subscribe to Ultraleap's Developer news to get access to the latest developments, software and tutorials for hand tracking

- [Ultraleap for Developers updates](#)

3. DOWNLOAD TOOLING

Download the relevant tooling via developer.ultraleap.com to develop on the platform of your choice:

- [Ultraleap Plugin for Unity](#)
- [Ultraleap Plugin for Unreal Engine](#)

4. DOCUMENTATION AND DESIGN GUIDELINES

Visit [Ultraleap Developer Resources](#) to find out more about developing with hand tracking.

Licensing

If you have purchased the Ultraleap Hand Tracking Accessory as a bundle with the Pico Neo 3 Pro from an authorised Ultraleap distributor your purchase includes a commercial licence to develop and sell tracking enabled applications. The terms of this licence will have been provided to you when you purchased the bundle.

Intended use

The Ultraleap Hand Tracking Accessory for Pico Neo 3 is intended for exploration and development purposes only and is not suitable for use in end-user applications. For the purpose of the Ultraleap and Leap Motion SDK agreement, the Ultraleap Hand Tracking Accessory does not constitute a "Leap Motion-authorized embedded optical module".

This kit has been designed for the purpose of enabling the evaluation of Ultraleap hand tracking by professionals at research, design, or development facilities. This version of the hardware is not yet tested or certified compliant to CE requirements or equivalent international standards.

Pico

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